

## WHAT IS CLAIMED IS:

1           1.       A telecommunications method, comprising:  
2           transmitting a transmit slot as part of a first active connection in a frame at a  
3 first frequency between a base station and a mobile unit;  
4           determining that said slot has been interfered with; and  
5           retransmitting at least a predetermined portion of said transmit slot, during a  
6 subsequent frame on a second frequency or during the same frame on the same  
7 frequency .

1            2.            A telecommunications method in accordance with claim 1, further  
2 comprising receiving said transmit slots in a ring memory, wherein data are read into  
3 said memory at a first rate and read out of said memory at a second rate higher than  
4 said first rate.

1           3.       A telecommunications method in accordance with claim 2, wherein  
2 said frame is adapted to include up to four active connections.

1           4.           A telecommunications method in accordance with claim 3, wherein a  
2 duration of said frame is ten (10) milliseconds.

1            5.        A telecommunications device, comprising:  
2            a receiver adapted to receive a first data slot in a frame at a first carrier  
3 frequency during a communication;  
4            a carrier quality unit adapted to determine if said first carrier frequency is  
5 interfered with;  
6            wherein said receiver is adapted to receive a retransmission of said first data  
7 slot at a next carrier frequency during a next frame if said first carrier frequency is  
8 interfered with or on the same frame during a later slot.

1           6.       A telecommunications device in accordance with claim 5, further  
2 comprising a ring memory for storing said first and next data slots, wherein data are  
3 read into said ring memory at a first rate and read out of said memory at a second

4 rate higher than said first rate.

1        7.        A telecommunications device, in accordance with claim 6, wherein said  
2 receiver is adapted to receive frames of length 10 milliseconds.

1        8.        A telecommunications device in accordance with claim 7, wherein a  
2 frame is adapted to include up to four active connections, each connection  
3 comprising a transmit slot and a receive slot.

1        9.        A telecommunications device, comprising:  
2        means for transmitting a transmit slot as part of a first active connection in a  
3 frame at a first frequency between a base station and a mobile unit;  
4        means for determining that said slot has been interfered with; and  
5        means for retransmitting said transmit slot during a subsequent frame on a  
6 second frequency or during the same frame on the same frequency.

1        10.       A telecommunications device in accordance with claim 9, further  
2 comprising means for receiving said transmit slots in a ring memory, wherein data  
3 are read into said memory at a first rate and read out of said memory at a second  
4 rate higher than said first rate.

1        11.       A telecommunications device in accordance with claim 10, wherein  
2 said frame is adapted to include up to four active connections.

1        12.       A telecommunications method in accordance with claim 11, wherein a  
2 duration of said frame is ten (10) milliseconds.

1        13.       A telecommunications system, comprising:  
2        a plurality of telecommunications devices, at least two of said  
3 telecommunications devices comprising:  
4        a receiver adapted to receive a first data slot in a frame at a first carrier  
5 frequency during a communication; and

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